

Southwest Region



2007-2011

Five-Year Transportation Program

DRAFT

The Southwest Region covers nine counties in the southwestern part of the state: Allegan, Barry, Berrien, Branch, Calhoun, Cass, Kalamazoo, St. Joseph, and Van Buren. Major state highways include: I-69, I-94, I-196, US-12, US-31, and US-131.

The region is traversed by I-94, an important international trade corridor linking Port Huron and Detroit to Chicago and Toronto. This makes the Southwest Region an ideal location for many industries, particularly those supporting the automobile and aerospace manufacturing industry, as well as the medical/pharmaceutical industry. The Southwest Region is also home to a significant portion of the agricultural industry encompassing over 9,500 farms that annually produce agricultural products with a market value of over \$900 million. To bolster industries and commerce that are important to the region and the state, project selection emphasizes freeway improvements and modernization.

2006 Accomplishments

The Southwest Region continues to work toward meeting MDOT's statewide pavement and bridge condition goals. During 2006, 18 percent of all Southwest Region route miles and six percent of bridges located in the Region received some type of rehabilitation or repair. Region road rehabilitation and reconstruction efforts improved 34 miles of roads. Another 188 miles of roadways were repaired under the Capital Preventative Maintenance and Non-freeway Resurfacing Programs. Eighteen bridges were rehabilitated or replaced, and nine bridges were repaired.

Some of the projects completed during 2006 include:

- Removal of the I-94 Bridges over the abandoned Conrail Railroad, Berrien County.
- Replacement of the Lovers Lane Bridge over I-94, Kalamazoo County.
- Rehabilitation of the I-94 bridges over Sawyer Road, Berrien County.
- Reconstruction of almost two miles of US-12 within the City of Sturgis, including intersection and streetscape improvements, St. Joseph County.

- Reconstruction of almost ten miles of I-94 westbound from M-51 to the Village of Mattawan, Van Buren County.
- Reconstruction of over four miles of I-69 from north of A Drive North to north of I-94, Calhoun County, completing 39 miles of I-69 reconstruction from the Indiana state line to I-94, beginning in 2000.
- Rehabilitation and reconstruction projects awarded in 2006 that will be under construction in 2007 include: reconstruction and widening of I-94 from west of US-131 to east of Oakland Drive, Kalamazoo County.

Five-Year Road and Bridge Program

The road and bridge preservation projects identified in this 2007 to 2011 Five-Year Transportation Program for the Southwest Region total approximately \$330 million. Investment is allocated in the following manner:

Southwest Region	Amount in Millions of Dollars FY 2007 through FY 2011			
	Other Funding	Preserve First Funds	Jobs Today Funds	Total 2007-2011
Road Preservation	\$156	\$28	\$28	\$212
Bridge Preservation	\$34	\$1	\$1	\$36
Road and Bridge CPM	\$81	\$0	\$1	\$82
Total 2007-2011	\$271	\$29	\$30	\$330

(Road Preservation includes Non-Freeway Resurfacing)

(Amounts are rounded to the nearest million dollars)

Capital Preventive Maintenance (CPM) projects are planned for a significant number of pavements and structures that do not require extensive repairs during this Five-Year Transportation Program period. The CPM projects are short-term fixes, adding from five to ten years of life to a pavement or maintaining the existing structure condition.

Southwest Region	Route Miles of Road	Number of Bridges and Structures
Total in Region	1,228	605
Scheduled to be Worked on	155	33
Percentage of Region	13%	5%

The 2007-2011 program for Road Preservation work reflects approximately 155 (13 percent) of the Southwest Region's more than 1,228 route miles of state trunklines during the next Five-Years. The 2007-2011 program for bridge preservation work will address 33 (5 percent) of the region's 605 trunkline bridges and structures.

There are also a number of programs that are selected based on statewide priorities or where project identification is completed throughout the year. These investments are not reflected above, but are included in the statewide investment strategy.

Corridor Improvement Strategies

As outlined in the State Long Range Plan 2000-2025, the Southwest Region continues to invest in the corridors of highest significance (I-94, I-69, US-131, and US-31/I-196). These corridors represent the backbone of Michigan's economy and the Southwest Region will continue to focus investments to rebuild and modernize these roadways and the transportation facilities within them.

The Southwest Region continues to use an asset management approach to analyze all of our roadway corridors. This approach groups projects from our program categories, such as rehabilitate and reconstruct, capital preventative maintenance, scheduled maintenance and safety, as well as grouping state projects with local projects. Pavement management strategies including remaining service life and roadway condition models are utilized to develop the type of fixes and costs necessary to preserve our roads and bridges.

MDOT has reconstructed 100 percent of the I-69 corridor from the Indiana state line to I-94 within the last six years. Work began on this 39-mile long corridor in 2000, with the last five-mile segment completed in 2006. The six reconstruction projects on the I-69 corridor in Branch and Calhoun counties represent a \$116 million investment.

2007-2011 ROAD & BRIDGE PROGRAM

SOUTHWEST Bridge - Big Bridge Program

COUNTY	ROUTE (COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2007	2008	2009	2010	2011
BERRIEN	M-63		M-63 OVER ST JOSEPH RIVER	MISCELLANEOUS BRIDGE	0.189	CON				
					0.189					

2007-2011 ROAD & BRIDGE PROGRAM

SOUTHWEST Bridge - Replacement and Rehabilitation

COUNTY	ROUTE (COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2007	2008	2009	2010	2011
ALLEGAN	I-196		I-196 AND US-31 OVER 71ST STREET	OVERLAY - DEEP	1.399				CON	
ALLEGAN	I-196		I-196 AND US-31 OVER 71ST STREET	OVERLAY - DEEP	1.399				CON	
ALLEGAN	M-40	PF	M-40 OVER RABBIT RIVER	SUPERSTRUCTURE REPAIR	0.153	CON				
ALLEGAN	US-131		M-222 OVER US-131	BRIDGE REPLACEMENT	0.001					CON
BARRY	M-66		M-66 OVER MUD CREEK	BRIDGE REPLACEMENT	0.000				CON	
BERRIEN	I-94		I-94 EB OVER GALIEN RIVER	DECK REPLACEMENT	0.080		CON			
BERRIEN	I-94		I-94 WB OVER GALIEN RIVER	DECK REPLACEMENT	0.080		CON			
BERRIEN	M-51		M-51 OVER MCKINZIE CREEK	BRIDGE REPLACEMENT	0.011			CON		
BERRIEN	M-63		M-63 OVER HIGMAN PARK	DECK REPLACEMENT	0.000	CON				
BRANCH	M-86 (Colon Road)		M-86 OVER MATTESON CREEK	BRIDGE REPLACEMENT	0.000				CON	
BRANCH	US-12		US-12 OVER PRAIRIE RIVER	SUPERSTRUCTURE REPLACEMENT	0.682					CON
CALHOUN	I-69		I-69 SB COLLECTOR OVER I-94	OVERLAY - DEEP	0.000		CON			
CALHOUN	I-69		I-69 NB COLLECTOR OVER I-94	OVERLAY - DEEP	0.000		CON			
CALHOUN	I-94	JT	I-94 EB OVER RICE CREEK	OVERLAY - SHALLOW	0.445	CON				
CALHOUN	I-94	JT	I-94 WB OVER RICE CREEK	OVERLAY - SHALLOW	0.445	CON				
CALHOUN	I-94		17 1/2 MILE ROAD OVER I-94	SUBSTRUCTURE PATCHING	0.445	CON				
CALHOUN	I-94		I-94 EB OVER RIVERSIDE DRIVE	BRIDGE REPLACEMENT	0.000			CON		
CALHOUN	I-94		I-94 WB OVER RIVERSIDE DRIVE	BRIDGE REPLACEMENT	0.000			CON		
CALHOUN	I-94		I-94 EB OVER GTW RAILROAD	PAINTING COMPLETE	0.000		CON			
CALHOUN	I-94		I-94 WB OVER GTW RAILROAD	PAINTING COMPLETE	0.000		CON			
CALHOUN	I-94	PF	VERONA ROAD OVER I-94	OVERLAY - SHALLOW	0.000	CON				
CALHOUN	M-99		M-99 (SUPERIOR STREET) OVER KALAMAZOO RIVER	SUPERSTRUCTURE REPLACEMENT	0.558					CON
KALAMAZOO	M-96		M-96 OVER MILL RACE	BRIDGE REPLACEMENT	0.000				CON	
KALAMAZOO	US-131		PARKVIEW (M AVENUE) OVER US-131	BRIDGE REPLACEMENT	0.000		CON			
ST. JOSEPH	M-86		M-86 OVER ST JOSEPH RIVER TAILRACE	SUPERSTRUCTURE REPLACEMENT	0.000		CON			
ST. JOSEPH	M-86 (Colon Road)		M-86 OVER SWAN CREEK	BRIDGE REPLACEMENT	0.000		CON			
VAN BUREN	BLUE STAR HIGHWAY		BLUE STAR HIGHWAY OVER BLACK RIVER	DECK REPLACEMENT	0.000				CON	
VAN BUREN	I-196		I-196 OVER DEERLUCK CREEK	BRIDGE REPLACEMENT	1.399	CON				
VAN BUREN	I-196		I-196 NB OVER KALHAVEN TRAIL AND BLACK RIVER	OVERLAY - SHALLOW	1.399	CON				
VAN BUREN	I-196		I-196 SB OVER KALHAVEN TRAIL AND BLACK RIVER	OVERLAY - SHALLOW	1.399	CON				
VAN BUREN	I-196 BL (Phoenix Road)		I-196 BL EB (PHOENIX ROAD) OVER I-196	DECK REPLACEMENT	0.000	CON				
VAN BUREN	I-196 BL (Phoenix Road)		I-196 BL WB (PHOENIX ROAD) OVER I-196	DECK REPLACEMENT	0.000	CON				
					4.728					

2007-2011 ROAD & BRIDGE PROGRAM

SOUTHWEST Repair and Rebuild Roads

COUNTY	ROUTE (COMMON NAME)	DIR.	LOCATION	TYPE OF WORK	LENGTH	2007	2008	2009	2010	2011
ALLEGAN	I-196 NB		SOUTH OF 71ST STREET TO NORTH OF 118TH AVENUE	RESTORATION AND REHABILITATION	6.980				CON	
ALLEGAN	I-196 SB		SOUTH OF 71ST STREET NORTH TO 118TH AVENUE	RESTORATION AND REHABILITATION	6.980					CON
ALLEGAN	M-40 / M-89 (Lincoln Road)	JT	WEST CITY LIMITS OF ALLEGAN TO 124TH AVENUE	RESURFACE	5.341	CON				
ALLEGAN	M-89 (West Allegan Street)		OTSEGO WEST CITY LIMITS TO WILMOTT STREET	RESURFACE	0.937			CON		
ALLEGAN	M-89 (Allegan Street)		28TH STREET EAST TO KALAMAZOO STREET	RECONSTRUCTION	7.519					CON
ALLEGAN	US-131 NB		MARTIN TOWNSHIP, ALLEGAN COUNTY	ROADSIDE FACILITIES - PRESERVE	1.000				CON	
BARRY	M-43		BUSH STREET TO DELTON ROAD, VILLAGE OF DELTON	RECONSTRUCTION	0.520	CON				
BARRY	M-43 (South Broadway Street)		M-37/M-43 (STATE STREET) TO NORTH STREET	RESTORATION AND REHABILITATION	1.014				CON	
BARRY	M-79 (E Quimby Rd)	JT	M-37 TO EAST OF BARRYVILLE ROAD	RESURFACE	5.380	CON				
BERRIEN	I-94 EB		EAST OF I-196 TO WEST OF M-140	RESTORATION AND REHABILITATION	4.895		CON			
BERRIEN	I-94 BL (E Main Street)		FAIR AVENUE TO RIVER STREET	RECONSTRUCTION	1.756			CON		
BERRIEN	M-140 (N Main St)		DAN SMITH ROAD TO WATERVLIET NORTH CITY LIMITS	RECONSTRUCTION	2.400					CON
BERRIEN	M-63 (Niles Ave)		MIDWAY AVENUE TO WINCHESTER AVENUE	RESTORATION AND REHABILITATION	1.084					CON
BERRIEN	M-63		HIGMAN PARK ROAD UNDER M-63	RESURFACE	0.020	CON				
BERRIEN	US-12 (W Pulaski Hwy)	JT	EAST CITY LIMITS OF THREE OAKS TO DAYTON ROAD	RESURFACE	7.747	CON				
BERRIEN	US-31 NB		STATE LINE TO US-12	RESTORATION AND REHABILITATION	3.305			CON		
BERRIEN	US-31 SB		STATE LINE TO US-12	RECONSTRUCTION	3.268				CON	
BRANCH	US-12		RIDGE ROAD TO BROWN STREET, QUINCY	RESURFACE	2.097			CON		
CALHOUN	I-69		TURKEYVILLE REST AREA	ROADSIDE FACILITIES - IMPROVE	0.440					
CALHOUN	I-94		11 MILE ROAD TO 17 1/2 MILE ROAD	RESTORATION AND REHABILITATION	7.264		CON			
CALHOUN	I-94 BL (E Michigan Ave)		29 MILE ROAD/CLARK STREET TO I-94	RESURFACE	1.964					CON
CALHOUN	I-94 EB	JT	17 1/2 MILE ROAD EAST TO 23 MILE ROAD	RESTORATION AND REHABILITATION	5.460	CON				
CALHOUN	I-94 WB		23 MILE ROAD TO 29 MILE ROAD	RESURFACE	6.199					CON
CALHOUN	I-94BL (E Michigan Ave)		MARSHALL AVENUE TO I-94	RESURFACE	2.230				CON	
CALHOUN	M-294 (Beadle Lake Rd)		SOUTH OF GOLDEN AVENUE TO M-96 (COLUMBIA AVENUE)	RESURFACE	0.715		CON			
CALHOUN	M-60		KALAMAZOO RIVER IN HOMER TO JACKSON COUNTY LINE	RESURFACE	4.988	CON				
CALHOUN	M-66		M-78 TO ASSYRIA ROAD	RESURFACE	10.095	CON				
CALHOUN	M-78		M-66 TO THE EATON COUNTY LINE	RESURFACE	3.548	CON				
CASS	M-60	JT	EAST VILLAGE LIMITS OF VANDALIA TO COREY LAKE ROAD	RESURFACE	7.542	CON				
CASS	US-12		MASON STREET IN UNION EAST TO M-40	RESURFACE	3.737				CON	
KALAMAZOO	I-94		40TH STREET TO HELMER ROAD	RESURFACE	5.625		CON			
KALAMAZOO	M-331 (Westnedge Avenue)		KILGORE ROAD AND WHITES ROAD INTERSECTIONS	RESURFACE	0.150					CON
KALAMAZOO	M-43 (West Main Street)		SECOND STREET TO WEST CITY LIMITS OF KALAMAZOO	RESURFACE	7.190	CON				
KALAMAZOO	M-96 (East Michigan Avenue)		MICHIGAN AVENUE TO 35TH STREET	RESURFACE	3.868			CON		
KALAMAZOO	US-131		NORTH VILLAGE LIMITS OF SCHOOLCRAFT TO U AVENUE	RESURFACE	1.507		CON			
ST. JOSEPH	M-60 (Niles-Three Rivers Road)	JT	CASS COUNTY LINE EAST TO US-131	RESURFACE	6.080	CON				
VAN BUREN	I-196	PF	SOUTH OF M-140 TO SOUTH OF 71ST STREET	RESTORATION AND REHABILITATION	6.973	CON				
VAN BUREN	I-94 EB		EAST OF M-40 TO EAST OF KALAMAZOO COUNTY LINE	RECONSTRUCTION	5.961	CON				
VAN BUREN	M-40 (North State Street)		VAN BUREN STREET TO MILL LAKE ROAD	RESURFACE	1.227	CON				
VAN BUREN	M-40 (North Kalamazoo Street)		ST. JOSEPH AVENUE TO POWER PLANT ROAD	RESURFACE	1.441			CON		
					156.447					